

Title (en)

METHOD OF ASSEMBLING AN ELECTRIFIED TURBOCHARGER

Title (de)

MONTAGEVERFAHREN EINES ELEKTRIFIZIERTEN TURBOLADERS

Title (fr)

PROCÉDÉ D'ASSEMBLAGE D'UN TURBOCOMPRESSEUR ÉLECTRIFIÉ

Publication

**EP 3523506 B1 20210908 (EN)**

Application

**EP 17781593 A 20170926**

Priority

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- US 2017053381 W 20170926

Abstract (en)

[origin: US2018094646A1] A method of assembling an electrified turbocharger comprising assembling a rotor assembly onto a shaft; balancing the shaft and rotor assembly; attaching at least one bearing onto the shaft adjacent the rotor assembly; inserting a stator assembly into a first housing component; axially inserting the shaft, the rotor assembly, and the at least one bearing into the first housing component; attaching a second housing component to the first housing component; attaching a compressor wheel to a first end of the shaft; and attaching a turbine wheel to a second end of the shaft and balancing the electrified turbocharger

IPC 8 full level

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